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RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/818,991

DATE: 04/11/2001
 TIME: 14:14:15

Input Set : A:\seq list 1821 0050004.txt
 Output Set: N:\CRF3\04112001\I818991.raw

ENTERED

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5 <110> APPLICANT: Zauderer, Maurice
7   Smith, Ernest S.
11 <120> TITLE OF INVENTION: Methods of Producing a Library and Methods of Selecting Polynucleotides
12   of Interest
16 <130> FILE REFERENCE: 1821.0050004
C--> 20 <140> CURRENT APPLICATION NUMBER: US/09/818,991
C--> 20 <141> CURRENT FILING DATE: 2001-03-28
20 <150> PRIOR APPLICATION NUMBER: 60/192,586
22 <151> PRIOR FILING DATE: 2000-03-28
26 <150> PRIOR APPLICATION NUMBER: 60/203,343
28 <151> PRIOR FILING DATE: 2000-05-10
32 <150> PRIOR APPLICATION NUMBER: 60/263,226
34 <151> PRIOR FILING DATE: 2001-01-23
38 <150> PRIOR APPLICATION NUMBER: 60/271,426
40 <151> PRIOR FILING DATE: 2001-02-27
44 <160> NUMBER OF SEQ ID NOS: 65
47 <170> SOFTWARE: PatentIn version 3.0
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55 <212> TYPE: DNA
57 <213> ORGANISM: Artificial Sequence
61 <220> FEATURE:
63 <221> NAME/KEY: misc_feature
65 <223> OTHER INFORMATION: Nucleotide Sequence of p7.5/tk
69 <400> SEQUENCE: 1
70 ggccaaaaat tgaaaaaacta gatctattta ttgcacgcgg ccgccatggg ccgggccgcc 60
72 aacggcgga 69
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77 <211> LENGTH: 8
79 <212> TYPE: PRT
81 <213> ORGANISM: Artificial Sequence
85 <220> FEATURE:
87 <221> NAME/KEY: misc_feature
89 <223> OTHER INFORMATION: tk coding sequence
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96 1 5
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100 <211> LENGTH: 75
102 <212> TYPE: DNA
104 <213> ORGANISM: Artificial Sequence
108 <220> FEATURE:
110 <221> NAME/KEY: misc_feature
112 <223> OTHER INFORMATION: Nucleotide Sequence of pEL/tk
116 <400> SEQUENCE: 3
117 ggccaaaaat tgaaatttta tttttttttt ttggaatata aagcgccgc catgggcccg 60
119 gccgccaacg gcgga 75

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126 <212> TYPE: DNA
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132 <220> FEATURE:
134 <221> NAME/KEY: misc_feature
136 <223> OTHER INFORMATION: Nucleotide Sequence of p7.5/ATG0/tk
140 <400> SEQUENCE: 4
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143 tgcaggaatt cgatatcaag cttatcgata ccgtcgacct cgaggggggg cctaactaac 120
145 laattttgtt tttgtgggcc cggcc 145
148 <210> SEQ ID NO: 5
150 <211> LENGTH: 148
152 <212> TYPE: DNA
154 <213> ORGANISM: Artificial Sequence
158 <220> FEATURE:
160 <221> NAME/KEY: misc_feature
162 <223> OTHER INFORMATION: Nucleotide Sequence of p7.5/ATG1/tk
166 <400> SEQUENCE: 5
167 ggccaaaaat tgaaaaacta gatctatttta ttgcacgcgg ccgccatggt ggatccccc 60
169 ggcgtgcagg attcgatata aagcttatcg ataccgtcga cctcgagggg gggcctaact 120
171 aactaatttt gttttgtgg gcccggcc 148
174 <210> SEQ ID NO: 6
176 <211> LENGTH: 149
178 <212> TYPE: DNA
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184 <220> FEATURE:
186 <221> NAME/KEY: misc_feature
188 <223> OTHER INFORMATION: Nucleotide Sequence of p7.5/ATG2/tk
192 <400> SEQUENCE: 6
193 ggccaaaaat tgaaaaacta gatctatttta ttgcacgcgg ccgccatgag tggatcccc 60
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197 taactaattt tgtttttgtg ggcggggc 149
200 <210> SEQ ID NO: 7
202 <211> LENGTH: 150
204 <212> TYPE: DNA
206 <213> ORGANISM: Artificial Sequence
210 <220> FEATURE:
212 <221> NAME/KEY: misc_feature
214 <223> OTHER INFORMATION: Nucleotide Sequence of p7.5/ATG3/tk
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219 ggccaaaaat tgaaaaacta gatctatttta ttgcacgcgg ccgccatgac gtggatcccc 60
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223 ctaactaatt ttgttttgtt gggccgggcc 150
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228 <211> LENGTH: 36
230 <212> TYPE: DNA
232 <213> ORGANISM: Artificial Sequence
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240 <222> LOCATION: (1)..(36)
244 <220> FEATURE:
246 <221> NAME/KEY: misc_feature
248 <223> OTHER INFORMATION: rpl3
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254 Ala Phe Leu Gly Tyr Lys Ala Gly Met Thr His Ile
255 1 5 10
258 <210> SEQ ID NO: 9
260 <211> LENGTH: 12
262 <212> TYPE: PRT
264 <213> ORGANISM: Artificial Sequence
268 <220> FEATURE:
270 <221> NAME/KEY: misc_feature
272 <223> OTHER INFORMATION: rpl3
274 <400> SEQUENCE: 9
276 Ala Phe Leu Gly Tyr Lys Ala Gly Met Thr His Ile
277 1 5 10
280 <210> SEQ ID NO: 10
282 <211> LENGTH: 36
284 <212> TYPE: DNA
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294 <222> LOCATION: (1)..(36)
298 <220> FEATURE:
300 <221> NAME/KEY: misc_feature
302 <223> OTHER INFORMATION: H2.16
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309 1 5 10
312 <210> SEQ ID NO: 11
314 <211> LENGTH: 12
316 <212> TYPE: PRT
318 <213> ORGANISM: Artificial Sequence
322 <220> FEATURE:
324 <221> NAME/KEY: misc_feature
326 <223> OTHER INFORMATION: H2.16
328 <400> SEQUENCE: 11
330 Ala Phe Leu Gly Tyr Lys Ala Gly Met Ile His Ile
331 1 5 10
334 <210> SEQ ID NO: 12
336 <211> LENGTH: 9
338 <212> TYPE: PRT
340 <213> ORGANISM: Unknown
344 <220> FEATURE:
346 <223> OTHER INFORMATION: cyclin A destruction box of unknown origin

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348 <220> FEATURE:
350 <221> NAME/KEY: misc_feature
352 <223> OTHER INFORMATION: Destruction box of cyclin A
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358 Arg Thr Val Leu Gly Val Ile Gly Asp
359 1 5
361 <210> SEQ ID NO: 13
363 <211> LENGTH: 9
365 <212> TYPE: PRT
367 <213> ORGANISM: Unknown
371 <220> FEATURE:
373 <223> OTHER INFORMATION: cyclin B1 destruction box of unknown origin
375 <220> FEATURE:
377 <221> NAME/KEY: misc_feature
379 <223> OTHER INFORMATION: Destruction box of cyclin B1
383 <400> SEQUENCE: 13
385 Arg Thr Ala Leu Gly Asp Ile Gly Asn
386 1 5
388 <210> SEQ ID NO: 14
390 <211> LENGTH: 27
392 <212> TYPE: PRT
394 <213> ORGANISM: Rattus sp.
398 <220> FEATURE:
400 <221> NAME/KEY: misc_feature
402 <223> OTHER INFORMATION: Destruction box of rat cyclin B
406 <400> SEQUENCE: 14
408 Tyr Met Thr Val Ser Ile Ile Asp Arg Phe Met Gln Asp Ser Cys Val
409 1 5 10 15
411 Pro Lys Lys Met Leu Gln Leu Val Gly Val Thr
412 20 25
414 <210> SEQ ID NO: 15
416 <211> LENGTH: 28
418 <212> TYPE: PRT
420 <213> ORGANISM: Mus sp.
424 <220> FEATURE:
426 <221> NAME/KEY: misc_feature
428 <223> OTHER INFORMATION: Destruction box of mouse cyclin B
432 <400> SEQUENCE: 15
434 Lys Phe Arg Leu Leu Gln Glu Thr Met Tyr Met Thr Val Ser Ile Ile
435 1 5 10 15
437 Asp Arg Phe Met Gln Asn Ser Cys Val Pro Lys Lys
438 20 25
440 <210> SEQ ID NO: 16
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444 <212> TYPE: PRT
446 <213> ORGANISM: Mus sp.
450 <220> FEATURE:
452 <221> NAME/KEY: misc_feature
454 <223> OTHER INFORMATION: Destruction box of mouse cyclin 131

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458 <400> SEQUENCE: 16
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464 20 25
466 <210> SEQ ID NO: 17
468 <211> LENGTH: 26
470 <212> TYPE: PRT
472 <213> ORGANISM: Mus sp.
476 <220> FEATURE:
478 <221> NAME/KEY: misc_feature
480 <223> OTHER INFORMATION: Destruction box of mouse cyclin 132
484 <400> SEQUENCE: 17
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487 1 5 10 15
489 Gly Ile Thr Ala Leu Leu Leu Ala Ser Lys
490 20 25
492 <210> SEQ ID NO: 18
494 <211> LENGTH: 18
496 <212> TYPE: PRT
498 <213> ORGANISM: Mus sp.
502 <220> FEATURE:
504 <221> NAME/KEY: misc_feature
506 <223> OTHER INFORMATION: Destruction box of mouse cyclin A2
510 <400> SEQUENCE: 18
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513 1 5 10 15
515 Leu Leu
518 <210> SEQ ID NO: 19
520 <211> LENGTH: 53
522 <212> TYPE: DNA
524 <213> ORGANISM: Artificial Sequence
528 <220> FEATURE:
530 <221> NAME/KEY: misc_feature
532 <223> OTHER INFORMATION: 7.5k gene promoter MM436
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537 ggccaaaaat tgaaaaacta gatctattta ttgcacgcgg cgcctatggg ccc 53
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544 <212> TYPE: DNA
546 <213> ORGANISM: Artificial Sequence
550 <220> FEATURE:
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554 <223> OTHER INFORMATION: 7.5k gene promoter MM437
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562 <210> SEQ ID NO: 21
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566 <212> TYPE: DNA

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VERIFICATION SUMMARY

DATE: 04/11/2001

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Input Set : A:\seq list 1821 0050004.txt

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L:20 M:270 C: Current Application Number differs, Replaced Current Application No
L:20 M:271 C: Current Filing Date differs, Replaced Current Filing Date